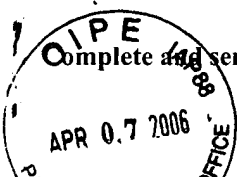


PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All other correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

03/29/2006

William G. Auton
 ESC/JAZ
 40 Wright Street
 Hanscom, MA 01731-2903

04/10/2006 NNGUYEN2 00000005 010465 10041588

01 FC:1501 1400.00 DA

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

William G. Auton	(Depositor's name)
<i>[Signature]</i>	(Signature)
4 April 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/041,588	01/10/2002	Daniel T. Moriarty	AFB00556	5207

TITLE OF INVENTION: TWENTY GIGABIT PER SECOND TWO TO ONE MULTIPLEXOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	06/29/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, BRIAN D	2616	370-537000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 William G. Auton

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

United States of America as represented
 by the Secretary of the Air Force.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number AF01-0465 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

[Signature of Julian L. Siegel]

Date 4 April 2006

Typed or printed name

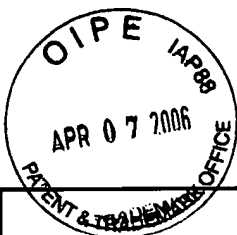
JULIAN L. SIEGEL

Registration No. 22,407

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective 10/08/2004 Fees pursuant to the Consolidated Appropriations Act 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2006		Complete if Known <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:40%;">Application Number</td> <td>10/041,588</td> </tr> <tr> <td>Filing Date</td> <td>10 January 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Daniel T. Moriarty</td> </tr> <tr> <td>Examiner Name</td> <td>Brian D. Nguyen</td> </tr> <tr> <td>Art Unit</td> <td>2616</td> </tr> <tr> <td>Attorney Docket Number</td> <td>AFB00556</td> </tr> </table>		Application Number	10/041,588	Filing Date	10 January 2002	First Named Inventor	Daniel T. Moriarty	Examiner Name	Brian D. Nguyen	Art Unit	2616	Attorney Docket Number	AFB00556
Application Number	10/041,588														
Filing Date	10 January 2002														
First Named Inventor	Daniel T. Moriarty														
Examiner Name	Brian D. Nguyen														
Art Unit	2616														
Attorney Docket Number	AFB00556														
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27															
TOTAL AMOUNT OF PAYMENT	\$1,400.00														
METHOD OF PAYMENT (check all that apply)															
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____															
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>AF 01-0465</u> Deposit Account Name: <u>Dept of the Air Force</u>															
For the above-identified deposit account, the Director is hereby authorized to: (Check all that apply)															
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee													
<input checked="" type="checkbox"/> Charge any additional fee(s) or Underpayments of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments													
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.															
FEE CALCULATION															
1. BASIC FILING, SEARCH, AND EXAMINATION FEES															
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)								
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)									
Utility	300	150	500	250	200	100									
Design	200	100	100	50	130	65									
Plant	200	100	300	150	160	80									
Reissue	300	150	500	250	600	300									
Provisional	200	100	0	0	0	0									
2. EXCESS CLAIM FEES		Small Entity													
Fee Description	Fee (\$)	Fee (\$)	Fee (\$)												
Each claim over 20 (including Reissues)		50	25												
Each independent claim over 3 (including Reissues)		200	100												
Multiple dependent claims		360	180												
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)									
_____ -20 or HP = _____ x _____ = _____															
HP = highest number of total claims paid for, if greater than 20.															
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)									
_____ - 3 or HP = _____ x _____ = _____															
HP = highest number of independent claims paid for, if greater than 3.															
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)											
_____ - 100 = _____ /50 _____ (round up to a whole number) x _____ = _____															
	Fees Paid (\$)														
Non-English Specification, \$130 fee (no small entity discount)															
Other (e.g. late filing surcharge): <u>Issue Fee</u>	<u>\$1,400.00</u>														
Signature <i>Julian L. Siegel</i>	Registration No. (Attorney/Agent) 22,407	Telephone (781) 377-4074													
Name (Print/Type) JULIAN L. SIEGEL	Date 4 April 2006														



TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/041,588	
	Filing Date	10 January 2002	
	First Named Inventor	Daniel T. Moriarty	
	Art Unit	2616	
	Examiner Name	Brian D. Nguyen	
Total Number of Pages in this Submission	3	Attorney Docket Number	AFB00556

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Issue Fee
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts / Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT		
Firm Name		
Signature		
Printed Name	WILLIAM G. AUTON	
Date	4 April 2006	Reg. No. 31,320

CERTIFICATE OF TRANSMISSION/ MAILING		
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Signature		
Typed or printed name	WILLIAM G. AUTON	Date 4 April 2006